Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015294.D
Acq On : 25 May 2023 16:31
Operator : CG/JU
Sample : 02213-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 25 17:02:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	199704	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	748648	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	438288	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	898280	20.000	ng		0.00
76) Chrysene-d12	21.580	240	845083	20.000	ng		0.00
86) Perylene-d12	24.139	264	1003644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1201000	99.653	ng		0.00
7) Phenol-d6	7.258	99	1525753	96.603	ng		0.00
23) Nitrobenzene-d5	9.287	82	1067375	69.613	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	570603	95.802	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2253266	69.021	ng		0.00
79) Terphenyl-d14	20.039	244	2951188	65.687	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	38753	7.260	ng		94
3) Pyridine	3.887	79	87931	6.446	ng		95
4) n-Nitrosodimethylamine	3.787	42	43660	6.858	ng		99
6) Aniline	7.428	93	139670	6.997	ng		99
8) 2-Chlorophenol	7.664	128	90027	7.148	ng		96
9) Benzaldehyde	7.240	77	84209	6.351	ng		97
10) Phenol	7.287	94	113276	7.161	ng		95
11) bis(2-Chloroethyl)ether	7.522	93	95589	7.210	ng		99
12) 1,3-Dichlorobenzene	7.993	146	105608	7.536	ng		99
13) 1,4-Dichlorobenzene	8.146	146	107300	7.607	ng		98
14) 1,2-Dichlorobenzene	8.463	146	100206	7.445	ng		95
15) Benzyl Alcohol	8.352	79	69144	6.272	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.646	45	130190m	7.615	ng		
17) 2-Methylphenol	8.552	107	72557	6.446	ng		94
18) Hexachloroethane	9.199	117	38552	7.252	ng		95
19) n-Nitroso-di-n-propyla...	8.922	70	68697	6.796	ng		98
20) 3+4-Methylphenols	8.881	107	94832	6.236	ng		97
22) Acetophenone	8.940	105	143807	7.396	ng	#	99
24) Nitrobenzene	9.328	77	110797	7.257	ng		97
25) Isophorone	9.852	82	178237	6.478	ng		98
26) 2-Nitrophenol	10.046	139	40673	6.070	ng		95
27) 2,4-Dimethylphenol	10.099	122	78478	6.985	ng		97
28) bis(2-Chloroethoxy)met...	10.340	93	121756	7.180	ng		99
29) 2,4-Dichlorophenol	10.581	162	76596	6.575	ng		99
30) 1,2,4-Trichlorobenzene	10.799	180	94885	7.302	ng		97
31) Naphthalene	10.987	128	286490	7.266	ng		99
32) Benzoic acid	10.175	122	23377	8.623	ng		98
33) 4-Chloroaniline	11.105	127	103219	6.332	ng		99
34) Hexachlorobutadiene	11.269	225	59392	7.214	ng		99
35) Caprolactam	11.869	113	19184	5.364	ng		91
36) 4-Chloro-3-methylphenol	12.210	107	80627	6.366	ng		97
37) 2-Methylnaphthalene	12.587	142	193947	6.921	ng		97
38) 1-Methylnaphthalene	12.804	142	178046	6.810	ng		96
40) 1,2,4,5-Tetrachloroben...	12.951	216	106013	7.372	ng		97
41) Hexachlorocyclopentadiene	12.922	237	52077	6.837	ng		97
43) 2,4,6-Trichlorophenol	13.187	196	59774	6.403	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	64989	5.922	ng	97
46) 1,1'-Biphenyl	13.587	154	252966	7.285	ng	99
47) 2-Chloronaphthalene	13.634	162	194629	7.430	ng	97
48) 2-Nitroaniline	13.834	65	44577	5.570	ng	96
49) Acenaphthylene	14.475	152	284338	6.783	ng	98
50) Dimethylphthalate	14.198	163	224908	6.559	ng	99
51) 2,6-Dinitrotoluene	14.322	165	45201	6.244	ng	98
52) Acenaphthene	14.816	154	175154	7.016	ng	96
53) 3-Nitroaniline	14.657	138	41205	5.569	ng	91
54) 2,4-Dinitrophenol	14.869	184	16611	8.376	ng	97
55) Dibenzofuran	15.146	168	286714	7.020	ng	99
56) 4-Nitrophenol	14.963	139	28575	7.636	ng	94
57) 2,4-Dinitrotoluene	15.116	165	53199	5.589	ng	99
58) Fluorene	15.798	166	223827	7.096	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.375	232	55138	6.282	ng	99
60) Diethylphthalate	15.557	149	218911	6.409	ng	100
61) 4-Chlorophenyl-phenyle...	15.787	204	113824	7.048	ng	98
62) 4-Nitroaniline	15.816	138	37606	6.805	ng	94
63) Azobenzene	16.081	77	215038	6.599	ng	99
65) 4,6-Dinitro-2-methylph...	15.881	198	27858	5.106	ng	96
66) n-Nitrosodiphenylamine	15.998	169	184859	6.906	ng	99
67) 4-Bromophenyl-phenylether	16.687	248	66827	6.880	ng	98
68) Hexachlorobenzene	16.804	284	77877	7.281	ng	99
69) Atrazine	16.951	200	62765	7.344	ng	98
70) Pentachlorophenol	17.151	266	36797	5.020	ng	97
71) Phenanthrene	17.545	178	340950	7.122	ng	99
72) Anthracene	17.639	178	329007	6.862	ng	99
73) Carbazole	17.904	167	286205	6.741	ng	99
74) Di-n-butylphthalate	18.439	149	335134	6.146	ng	99
75) Fluoranthene	19.498	202	372300	6.657	ng	99
77) Benzidine	19.681	184	149140	11.145	ng	98
78) Pyrene	19.851	202	396703	6.561	ng	99
80) Butylbenzylphthalate	20.710	149	140694	5.491	ng	99
81) Benzo(a)anthracene	21.563	228	393938	6.709	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	141026	7.776	ng	99
83) Chrysene	21.622	228	381805	6.781	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	215547	5.711	ng	98
85) Di-n-octyl phthalate	22.439	149	357420	5.598	ng	99
87) Indeno(1,2,3-cd)pyrene	26.839	276	488835	6.720	ng	99
88) Benzo(b)fluoranthene	23.345	252	407956	6.685	ng	98
89) Benzo(k)fluoranthene	23.398	252	407612	6.633	ng	99
90) Benzo(a)pyrene	24.022	252	347487	5.898	ng	99
91) Dibenzo(a,h)anthracene	26.857	278	405776	6.792	ng	98
92) Benzo(g,h,i)perylene	27.668	276	402064	6.624	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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